

CLAIMS:

1. A television receiving system (1) having a first input (3) for a first incoming television signal and a second input (5) for a second incoming television signal, both being coupled to a common processing unit (7) for television signals, and a first output (9) for supplying a first outgoing television signal coming from the processing unit (7) to a first television receiving station (13) comprising a display screen, and a second output (11) for supplying a second outgoing television signal coming from the processing unit (7) to a second television receiving station (15), characterized in that the processing unit comprises means (8) for constructing at least one of the outgoing television signals from the incoming television signals and is capable of processing at least a part of the second outgoing television signal in the first outgoing television signal, the processing unit (7) also comprising user interface software (28) for specifying the outgoing television signals.
2. A television receiving system (1) as claimed in claim 1, characterized in that the first input (3) and the second input (5) are connected to their own tuner (19, 23, respectively).
3. A television receiving system (1) as claimed in claim 1, characterized in that the processing unit (7) is capable of displaying at least a part of the second outgoing television signal on the first television receiving station (13) in accordance with one of the following methods:
 - the first outgoing television signal is alternated with the second;
 - the first outgoing television signal covers a part (36) of the display screen of the television receiving station (13), and a scaled version of a selected part of the second outgoing television signal is displayed on a portion of this part (35); and
 - selected parts of both outgoing television signals are displayed next to each other on the display screen of the television receiving station (13).

4. A television receiving system (1) as claimed in claim 1, characterized in that the processing unit (7) is capable of blocking the supply of the second outgoing television signal to the second output (11).

5 5. A television receiving system (1) as claimed in claim 1, characterized in that the processing unit (7) is capable of blocking the supply of the first outgoing television signal to the first output (9).

6. A television receiving system (1) as claimed in claim 1, characterized in that
10 the processing unit (7) is incorporated in a set-top box (45).

7. A television receiving system (1) as claimed in claim 1, characterized in that the processing unit (7) is incorporated in the first television receiving station (13).